Toxicology Letters 71 (1994) 295–296

Toxicology letters

Volume contents

Volume 71 (1994)

No. 1

Research Letters

Thymidine kinase activity in liver and serum of rats after cadmium administration
S.E. Theocharis, A.P. Margeli, V. Alevizou, D. Varonos (Greece) 1

Effects of pentachlorophenol (PCP) on the pituitary and thyroidal hormone regulation in the rat
F.W. Jekat, M.L. Meisel, R. Eckard, H. Winterhoff (Germany) 9

Rapid plasma clearance of albumin-acrolein adduct in rats
K.N. Thakore, J.C. Gan, G.A.S. Ansari (USA) 27

The cytotoxicity of 50 chemicals from the MEIC study determined by growth inhibition of Ascites Sarcoma BP8 cells: a comparison with acute toxicity data in man and rodents
L. Romert, T. Jansson, D. Jenssen (Sweden) 39

In vivo inhibition by mipafox of soluble and particulate forms of organophosphorus neuropathy target esterase (NTE) in hen sciatic nerve
V. Carrera, N. Díaz-Alejo, M.A. Sogorb, J.L. Vicedo, E. Vilanova (Spain) 47

Nasal and pulmonary toxicity of glutaraldehyde in mice
D. Zissu, F. Gagnaire, P. Bonnet (France) 53

Effect of the cephalosporin cefepime on hepatic drug metabolising enzyme activity in rats
M.C. Jordan, A.R. Waller, L.F. Chasseaud, R.H. Barbhaiya (UK; USA) 63

Induction of the CYP4A subfamily by perfluorodecanoic acid: the rat and the guinea pig as susceptible and non-susceptible species
E. Chinje, P. Kentish, B. Jarnot, M. George, G. Gibson (UK; USA) 69

Correlation between pulmonary cytochrome P450 transcripts and the organ-selective pneumotoxicity of 3-methylindole
S. Ramakanth, J.R. Thornton-Manning, H. Wang, H. Maxwell, G.S. Yost (USA) 77

N-Acetyl cysteine is an early but also a late preventive agent against carbon tetrachloride-induced liver necrosis
E.G. Valles, C.R. de Castro, J.A. Castro (Argentina) 87

The effect of dithiothreitol on the activity of tityustoxin from the scorpion *Tityus serrulatus* venom
A.M.P. Silva, G. Novaes, I.F. Heneine (Brazil) 97

Announcement 103

No. 2

Research Letters

Heavy metal-induced cytotoxicity to cultured human epidermal keratinocytes and effects of antioxidants
H. Kappus, C. Reinhold (Germany) 105

Induction of metallothionein mRNA and protein following exposure of cultured human proximal tubule cells to cadmium
J.E. Bylander, S. Li, M.A. Sens, D. Hazen-Martin, G.G. Re, D.A. Sens (USA) 111

Developmental toxicity evaluation of piperonyl butoxide in CD-1 mice
T. Tanaka, T. Fujitani, O. Takahashi, S. Oishi (Japan) 123

Absence of in vivo lipid peroxidation in $CdCl_2$-treated rats as measured by exhaled pentane
A.C. Ricard, R. Guilbaud, S. Boileau, H. Van Tra, G. Chevalier (Canada) 131
Interlaboratory cholinesterase determinations and the effect on the results of statistical evaluation of cholinesterase inhibition
W.R. Christenson, D.L. Van Goethem, R.S. Schroeder, B.S. Wahle, P.D. Dass, G.K. Sangha, J.H. Thyssen (USA) 139
Contact sensitivity of and cross-sensitivity between 2-(2′-hydroxy-5′-methylphenyl)benzotriazole (Tinuvin® P) and 2-(2′-hydroxy-3′-*tert*-butyl-5′-methylphenyl)-5-chlorobenzotriazole (Tinuvin® 326) evaluated by lymph node cell proliferation and ear swelling response in mice
Y. Ikarashi, T. Tsuchiya, A. Nakamura (Japan) 151
Nephrotoxicity mechanism of *cis*-platinum (II) diamine dichloride in mice
M. Ban, D. Hettich, N. Huguet (France) 161
In vitro bioactivation of the environmental pollutant 3-methylsulphonyl-2,2-bis(4-chlorophenyl)-1,1-dichloroethene in the human adrenal gland
C.-J. Jönsson, B.-O. Lund (Sweden) 169
Differential effect of restraint procedure on incidence of restraint-stress-induced rib fusion in CD-1 mice
J.F. Rasco, R.D. Hood (USA) 177
Regulation of cytochrome P450 2B1/2 mRNAs by Kepone® (chlordecone) and potent estrogens in primary cultures of adult rat hepatocytes on Matrigel
T.A. Kocarek, E.G. Schuetz, P.S. Guzelian (USA) 183

No. 3

Research Letters
Inhalation of resuspended road dust, but not ammonium nitrate, decreases the expression of the pulmonary macrophage Fc receptor
B. Ziegler, D.K. Bhalla, R.E. Rasmussen, M.T. Kleinman, D.B. Menzel (USA) 197
Serum bone-type alkaline phosphatase activity in women living in a cadmium-polluted area
I. Tsuritani, R. Honda, M. Ishizaki, Y. Yamada, K. Aoshima, M. Kasuya (Japan) 209
An investigation of activities and paraoxon sensitivities of hepatic aliesterases in β-naphthoflavone-treated rats
A.M. Watson, H. Chambers, J.E. Chambers (USA) 217
Cytotoxicity of sulphur mustard on a human keratinocyte cell line: direct effects compared to conditioned-medium effects
L. Vindevoghel, C. Capdevila, P. Binder, M. Adolphe (France) 227
Molecular modelling of cytochrome CYP1A1: a putative access channel explains differences in induction potency between the isomers benzo(*a*)pyrene and benzo(*e*)pyrene, and 2- and 4-acetylaminofluorene
D.F.V. Lewis, C. Ioannides, D.V. Parke (UK) 235
Extracellular dopamine levels within the striatum increase during inhalation exposure to toluene: a microdialysis study in awake, freely moving rats
K. Stengård, G. Höglund, U. Ungerstedt (Sweden) 245
Protection by indomethacin against the lethality and hepatotoxicity of phalloidin in mice
C. Barriault, M. Audet, I.M. Yousef, B. Tuchweber (Canada) 257
Induction of enoyl-CoA hydratase by LD_{50} exposure to perfluorocarboxylic acids detected by two-dimensional electrophoresis
F.A. Witzmann, D.N. Parker, B.M. Jarnot (USA) 271
Effects of exposure to nicotine and to sidestream smoke on pregnancy outcome in rats
H. Witschi, S.M. Lundgaard, P. Rajini, A.G. Hendrickx, J.A. Last (USA) 279

Book reviews 287

Author index Vol. 71 (1994) 289

Subject index Vol. 71 (1994) 293

Contents Vol. 71 (1994) 295